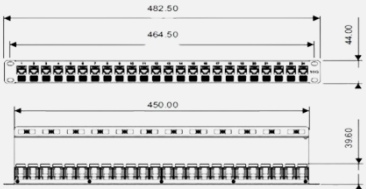


SCHNELL CAT6 U/UTP PUNCH DOWN PATCH PANEL

Schnell's blank UTP punch-down patch panels are built to exceed TIA and ISO component standards. Designed for modern network convergence, they ensure high bandwidth, optimal performance, and long-term reliability. Ideal for LAN, multimedia, and Power over Ethernet (PoE) applications, these panels provide a robust and scalable solution for structured cabling installations.



DIAGRAM & CONSTRUCTION

Panel Type	: Flat		Rear Cable Support	: Integrated cable management bar (optional)
Panel Style	: Blank		IDC Terminal Type	: Compatible with 110 and Krone tools
Mounting Style	: Punch Down (Module)		Wire Gauge Support	: 22–26 AWG solid conductors
Panel Width	: 483 mm (19")		Operating Temperature	: -10°C to +60°C
Panel Height	: 1U: 44.2 mm & 2U: 88 mm		Storage Temperature	: -40°C to +70°C
Panel Depth	: 109 mm		Humidity Resistance	: Up to 93% non-condensing
Port	: Numbered with			
Identification	: writable label fields			

ELECTRICAL CHARACTERISTICS

Performance Rating	: Category 6 / Class E
Bandwidth Support	: Up to 250 MHz
Return Loss	: High return loss for stability
Insertion Loss	: Low, meets Cat6 limits
Crosstalk (NEXT/AXT)	: Optimized to reduce interference

MECHANICAL & TRANSMISSION DATA

Panel Type	: Unshielded Punch-Down
Material	: Powder-coated steel
Port Configuration	: 24, or 48 ports
Mounting Style	: Standard 19-inch rack mount
IDC Compatibility	: 110 and Krone punch tools

KEY FEATURES

- IEEE 802.af, IEEE 802.3at for PoE applications.
- ISO/IEC 11801 Class E, TIA/EIA-568B.2-1
- Supports high bandwidth and Gigabit applications
- Durable metal construction with easy punch-down termination
- Clear port labeling for easy identification and management

KEY APPLICATIONS

- Structured cabling systems in offices and data centers
- Local Area Networks (LAN)
- Multimedia distribution networks
- Power over Ethernet (PoE) installations
- Rack-mounted network infrastructure systems

PART NUMBER

Part Number	Description
SCZ-5010C6PD24P	SCHNELL CAT6 UTP 24 PORT PUNCH DOWN PATCH PANEL
SCZ-5010C6PD48P	SCHNELL CAT6 UTP 48 PORT PUNCH DOWN PATCH PANEL